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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/775,743A

DATE: 08/02/2001

TIME: 10:03:27

Input Set : A:\Supratek.app

Output Set: N:\CRF3\08022001\I775743A.raw

ENTERED

3 <110> APPLICANT: Supratek Pharma, Inc.
 5 <120> TITLE OF INVENTION: Vascular Endothelial Growth/Factor Receptor
 7 <130> FILE REFERENCE: 082181-36154
 9 <140> CURRENT APPLICATION NUMBER: 09/775,743A
 C--> 10 <141> CURRENT FILING DATE: 2001-02-06
 12 <150> PRIOR APPLICATION NUMBER: 60/180,568
 13 <151> PRIOR FILING DATE: 2000-02-04
 15 <160> NUMBER OF SEQ ID NOS: 13
 17 <170> SOFTWARE: PatentIn Ver. 2.0
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 27 including use of E. coli
 29 <220> FEATURE:
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 31 <222> LOCATION: (16)
 32 <223> OTHER INFORMATION: AMIDATION
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 44 <220> FEATURE:
 45 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
 46 chemical peptide synthesis and biosynthetic
 47 including use of E. coli
 49 <220> FEATURE:
 50 <221> NAME/KEY: MOD_RES
 51 <222> LOCATION: (17)
 52 <223> OTHER INFORMATION: AMIDATION
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 56 1 5 10 15
 58 Tyr
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 64 <212> TYPE: PRT
 65 <213> ORGANISM: Artificial Sequence
 67 <220> FEATURE:
 68 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
 69 chemical peptide synthesis and biosynthetic

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72 <220> FEATURE:
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77 <220> FEATURE:
78 <221> NAME/KEY: MOD_RES
79 <222> LOCATION: (17)
80 <223> OTHER INFORMATION: AMIDATION
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86 Tyr
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96 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
97      chemical peptide synthesis and biosynthetic
98      including use of E. coli
100 <220> FEATURE:
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102 <222> LOCATION: (1)
103 <223> OTHER INFORMATION: fluorescein-5-carbonyl
105 <220> FEATURE:
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108 <223> OTHER INFORMATION: AMIDATION
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123      including use of E. coli
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128 <223> OTHER INFORMATION: fluorescein-5-carbonyl
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136 Glu Glu Glu Asn Gly Tyr Glu Ile Glu Trp Tyr Ser Trp Val Thr His
 137 1 5 10 15

139 Gly Met Tyr

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149 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
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 151 including use of E. coli

153 <220> FEATURE:

154 <221> NAME/KEY: MOD_RES

155 <222> LOCATION: (1)

156 <223> OTHER INFORMATION: fluorescein-5-carbonyl

158 <220> FEATURE:

159 <221> NAME/KEY: MOD_RES

160 <222> LOCATION: (15)

161 <223> OTHER INFORMATION: AMIDATION

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175 <222> LOCATION: (2)..(3)

176 <223> OTHER INFORMATION: Xaa = any amino acid

178 <220> FEATURE:

179 <221> NAME/KEY: SITE

180 <222> LOCATION: (7)..(9)

181 <223> OTHER INFORMATION: Xaa = any amino acid

183 <220> FEATURE:

184 <221> NAME/KEY: SITE

185 <222> LOCATION: (11)..(15)

186 <223> OTHER INFORMATION: Xaa = any amino acid

188 <220> FEATURE:

189 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
 190 chemical peptide synthesis and biosynthetic
 191 including use of E. coli

193 <400> SEQUENCE: 7

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 195 1 5 10 15

198 <210> SEQ ID NO: 8

199 <211> LENGTH: 16

200 <212> TYPE: PRT

201 <213> ORGANISM: Artificial Sequence

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205 <222> LOCATION: (1)
206 <223> OTHER INFORMATION: Xaa = Asn or Gln
208 <220> FEATURE:
209 <221> NAME/KEY: SITE
210 <222> LOCATION: (2)..(3)
211 <223> OTHER INFORMATION: Xaa = any amino acid
213 <220> FEATURE:
214 <221> NAME/KEY: SITE
215 <222> LOCATION: (4)
216 <223> OTHER INFORMATION: Xaa = negatively charged amino acid comprising of
217     Glu or Asp
219 <220> FEATURE:
220 <221> NAME/KEY: SITE
221 <222> LOCATION: (5)
222 <223> OTHER INFORMATION: Xaa = Ile, Leu, Val, or Met
224 <220> FEATURE:
225 <221> NAME/KEY: SITE
226 <222> LOCATION: (6)
227 <223> OTHER INFORMATION: Xaa = negatively charged amino acid comprising of
228     Glu or Asp
230 <220> FEATURE:
231 <221> NAME/KEY: SITE
232 <222> LOCATION: (7)..(9)
233 <223> OTHER INFORMATION: Xaa = any amino acid
235 <220> FEATURE:
236 <221> NAME/KEY: SITE
237 <222> LOCATION: (10)
238 <223> OTHER INFORMATION: Xaa = aromatic amino acid comprising of Trp, Phe,
239     Tyr or His
241 <220> FEATURE:
242 <221> NAME/KEY: SITE
243 <222> LOCATION: (11)..(15)
244 <223> OTHER INFORMATION: Xaa = any amino acid
246 <220> FEATURE:
247 <221> NAME/KEY: SITE
248 <222> LOCATION: (16)
249 <223> OTHER INFORMATION: Xaa = aromatic amino acid comprising of Trp, Phe,
250     Tyr or His
252 <220> FEATURE:
253 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
254     chemical peptide synthesis and biosynthetic
255     including use of E. coli
257 <400> SEQUENCE: 8
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259   1           5           10          15
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263 <211> LENGTH: 69

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Input Set : A:\Supratek.app

Output Set: N:\CRF3\08022001\I775743A.raw

264 <212> TYPE: DNA
265 <213> ORGANISM: Artificial Sequence
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268 <223> OTHER INFORMATION: Description of Artificial Sequence: chemical
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273 gcgcttctg 69
275 <210> SEQ ID NO: 10
276 <211> LENGTH: 69
277 <212> TYPE: DNA
278 <213> ORGANISM: Artificial Sequence
280 <220> FEATURE:
281 <223> OTHER INFORMATION: Description of Artificial Sequence: chemical
282 synthesis
284 <400> SEQUENCE: 10
285 gggcccggtcc ggagcccagag gtccgggtga gtccgcggg tcatatccag tcgctcgggtg 60
286 gcgcttctg 69
288 <210> SEQ ID NO: 11
289 <211> LENGTH: 69
290 <212> TYPE: DNA
291 <213> ORGANISM: Artificial Sequence
293 <220> FEATURE:
294 <223> OTHER INFORMATION: Description of Artificial Sequence: chemical
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297 <400> SEQUENCE: 11
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299 gcgcttctg 69
301 <210> SEQ ID NO: 12
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303 <212> TYPE: DNA
304 <213> ORGANISM: Artificial Sequence
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307 <223> OTHER INFORMATION: Description of Artificial Sequence: chemical
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310 <400> SEQUENCE: 12
311 aagcgccacc 10
313 <210> SEQ ID NO: 13
314 <211> LENGTH: 11
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316 <213> ORGANISM: Artificial Sequence
318 <220> FEATURE:
319 <223> OTHER INFORMATION: Description of Artificial Sequence: chemical
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322 <400> SEQUENCE: 13
323 accggccccg t 11

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/775,743A

DATE: 08/02/2001

TIME: 10:03:28

Input Set : A:\Supratek.app

Output Set: N:\CRF3\08022001\I775743A.raw

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:194 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:258 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8